



*Law*

Attorney Docket: ABBUM/266/US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of: Charles Sumner

Application No.: 10/716,232

Examiner: Not yet assigned

Filing Date: 11/18/03

Group Art Unit: 1764

For: Production Of Propylene From Steam Cracking Of Hydrocarbons, Particularly Ethane

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Information Disclosure Statement**

Applicant submits herewith patents, publications or other information of which they are aware and which they believe may be material to the examination of the above-identified application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

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In accordance with 37 CFR 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(b) exists.

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Signature: *Diane F. Covello*  
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Date: 10-18-05

For US national applications filed after June 30, 2003 and International applications that have entered the national stage after June 30, 2003 a copy of a cited US patent or cited US patent publication is NOT required. See OG Notices: 5 August 2003. Accordingly, no copies of a cited US patent or cited US patent publication are enclosed for these applications. A copy of each item other than a US patent or a US patent publication listed on the attached INFORMATION DISCLOSURE CITATION IN AN APPLICATION is enclosed.

Respectfully submitted,

Charles Sumner

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**INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION**

mailed on:

Application No.  
10/716,232

Inventor  
Charles Sumner

Title  
Production Of Propylene From Steam Cracking Of  
Hydrocarbons, Particularly Ethane

Filing Date  
11/18/03

Group Art Unit  
1764

Docket No.  
ABBLUM/266/US

**UNITED STATES PATENT DOCUMENTS**

Examiner Initial	Document No.	Date	Name	Class
	5,162,595	11-10-92	Wu et al	
	4,458,096	07-03-84	Phillips et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document No.	Date	Country	Name	Translation
	EP 0 421 701 A	04-10-91	Europe	Arco Chemical Technology Inc.	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
	1) PCT International Search Report for PCT/US2004/038213
	2) PCT Written Opinion of the International Searching Authority for PCT/US2004/038213
	3) Hydrocarbon Processing, March 2003, pages 70-126, XP-002322126

Examiner

Date Considered

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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